

Method and electronic acoustic fish attractor

Abstract

We found an approach to the problem of sound attraction of fish from large distances to desirable underwater areas. In case of sound attraction of fish, there are both technical and physical antinomies. To increase distance of influence of attracting sounds, it is required to raise a sound source level. At transmission of sounds with intensity below a hearing threshold of a desirable kind of fish, they will not hear these sounds, and at a critical excess of a hearing threshold, fish startle and immediately swim away. A multi-stage zone transmission of sounds with acoustic feedbacks, in itself, does not ensure necessary conditions. Our invention has overcome these antinomies. Transmissions of sounds carry out under such conditions, that the constant optimum sound threshold field, established on the first zone for a specific species of fish, is conserved on every distance differential under consecutive stages of transmissions of sounds.